

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.
NMLC 064118
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
E. C. HILL "B" FEDERAL
9. WELL NO.
18
10. FIELD AND POOL, OR WILDCAT
TEAGUE BLINEBRY
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 34 T23S, R37E
12. COUNTY OR PARISH
LEA
13. STATE
NM

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>
b. TYPE OF WELL
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>
2. NAME OF OPERATOR
PLAINS PETROLEUM OPERATING COMPANY
3. ADDRESS OF OPERATOR
415 W. Wall, Suite 1000 Midland, TX 79701 Phone 915/683-4434
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface Unit Letter G, 1400' FNL & 2280' FEL Subject to Like Approval By State
At proposed prod. zone UNORTHODOX LOCATION
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
10.3 Miles NE of Jal, NM
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)
1400'
16. NO. OF ACRES IN LEASE
520
17. NO. OF ACRES ASSIGNED TO THIS WELL
40
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
649'
19. PROPOSED DEPTH
5850'
20. ROTARY OR CABLE TOOLS
Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR 3275'
22. APPROX. DATE WORK WILL START*
Sept. 6, 1996

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24# J-55	1175'	350 sx circ
7-7/8"	5-1/2"	15.5# K-55	5850'	1645 sx Circ

Propose to drill the well through the Blinebry and complete as a Blinebry producer.

Mud Program 0' - 1175' Spud Mud, FW, Gel
1175' - 5850' Brine & native mud, MW 10 - 10.2 ppg
Vis 26 - 28, SW gel for logs

BOP A 3000 psi Shaffer double hydraulic operated will be used and tested at installation, drill out and each time they are removed or rearranged. BOP used as a two-mud system.

Approved Subject to
General Requirements and
Special Stipulations
Attached

OPER. GRID NO. 17805
PROPERTY NO. 9280
POOL CODE 58300
EFF. DATE 7/1/96
API NO. 30-025-33493

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Stephen D. Owen Stephen D. Owen TITLE Petroleum Engineer DATE May 8, 1996
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
(ORIG. SGD.) RICHARD L. MANUS Area Manager DATE 6-10-96
APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side